| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| L1 | 2633 | ((209/12.2,17,127.1,128-130) or (204/450,456,600)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/23 10:45 |
| S1 | 0 | ("(electrophoresis(electricnear2(gradie ntfocus\$3)))samechannel").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/26 15:57 |
| S2 | 3973 | (electrophoresis (electric near2 (gradient focus\$3))) same channel | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 15:58 |
| S3 | 2747 | (electrophoresis (electric near2 (gradient focus\$3))) same ((channel passage path groove duct tube) and electrode) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/30 15:01 |
| S4 | 8 | S3 and "209"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 15:59 |
| S5 | 35 | ((separat\$3 sort\$3) near3 (charged and (particle molecue protein peptide))) same ((electrophoresis (electric near2 (gradient focus\$3))) and (channel passage path groove duct tube)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:23 |
| S6 | 25 | ((separat\$3 sort\$3) near3 (charged and (particle molecue protein peptide))) same ((electrophoresis (electric near2 (gradient focus\$3))) and (channel passage path groove duct tube)).bsum. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:47 |
| S7 | 0 | ((separat\$3 sort\$3) near3 (charged and (particle molecue protein peptide))) same (electrophoresis and (electric near2 (gradient focus\$3)) and (channel passage path groove duct tube)).bsum. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:51 |
| S8 | 2047 | ((209/12.2,17,127.1,128-130) or (204/450,456)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/26 16:56 |

| 60 | 6.46 | | T., | T | T | |
|-----|------|---|---|----|-----|------------------|
| S9 | 648 | (electrophoresis and (electric near2 (gradient focus\$3)) and (channel passage path groove duct tube)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:51 |
| S10 | 233 | S9 and ("209"/\$.ccls. "204"/\$.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:51 |
| S11 | 133 | (electrophoresis and (electric near2 (gradient focus\$3)) and (channel passage path groove duct tube)). bsum. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:51 |
| S12 | 76 | S11 and ("209"/\$.ccls. "204"/\$.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:51 |
| S13 | 2484 | ((209/12.2,17,127.1,128-130) or (204/450,456,600)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/30 15:02 |
| S14 | 1338 | (204/450,456,600).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 18:34 |
| S15 | 1151 | (209/12.2,17,127.1,128-130).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/11/26 16:56 |
| S16 | 5 | S14 and S15 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/26 16:57 |
| S17 | 27 | ("3449938" "3811841" "4147621" "4250026" "4420720" "4446015" "4737268" "4830756" "4908112" "5023054" "5144224" "5240618" "5464581" "5489506" "5605662" "5632957" "5871158" "5876582"). PN. OR ("6136171").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/26 16:59 |

| | | | - | | | |
|-----|------|--|---|----|-----|------------------|
| S18 | 14 | ("4493753" "4530740" "4780395" "4871623" "4894664" "4922265" "5194877" "5249358" "5443713" "5685491").PN. OR ("5871158"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/26 17:02 |
| S19 | 67 | ("5252294" "5501893" "5569355" "5585069" "5632876" "5660728" "5681484" "5729244" "5755408" "5783452" "5801442" "5858193" "5863708" "5871158" "5876582" "5876675" "5897097" "5909280"). PN. OR ("6096656").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/26 17:05 |
| S20 | 39 | ("4175662" "4300310" "4326934" "4347935" "4440638" "4510244" "4515274" "4519506" "4520456" "4557014" "4599304" "4607007" "4667830" "4675286" "4677061" "4816395" "4818679" "4824775" "4936465" "4954715").PN. OR ("5489506").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/26 17:11 |
| S21 | 36 | ("2364118" "4020830" "4180771" "4214981" "4255247" "4358379"). PN. OR ("4440638").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/26 17:16 |
| S22 | 6 | ("20020008028" "5429728" "5750015" "5858195" "6080295" "6375817").PN. OR ("6770182"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/26 17:22 |
| S23 | 105 | ("4390403" "4908112" "5073239" "5092973" "5110431" "5126022" "5132012" "5141621" "5180480" "5229297" "5250263" "5288463" "5296114" "5376252" "5429734" "5585069" "5603351" "5605662" "5750015").PN. OR ("5858195"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/11/26 17:23 |
| S24 | 3347 | (electrophoresis (electric near2 (gradient focus\$3))) same ((channel passage path groove duct tube) and (sieve screen filter photoresist (sinter\$2 near2 tantalum)(block near2 polymer)(por\$3 near2 silicon))) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/10 12:19 |
| S25 | 2485 | ((209/12.2,17,127.1,128-130) or (204/450,456,600)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/06/10 12:22 |
| S26 | 117 | S24 and S25 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/30 15:05 |

9/23/06 10:48:08 AM

| | | | | r | | |
|-----|-------|---|---|----|-----|------------------|
| S27 | 117 | (electrophoresis (electric near2 (gradient focus\$3))) same ((channel passage path groove duct tube) and (sieve screen filter photoresist (sinter\$2 near2 tantalum)(block near2 polymer)(por\$3 near2 silicon))).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/30 15:03 |
| S28 | 3 | S25 and S27 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/11/30 15:03 |
| S29 | 0 | ("("3766452" "4157139" "5042810" "5 166502" "5406264" "5531331" "56515 48" "5735742" "5755618" "5770533" "5781647" "5836583" "5895321" "593 3244" "5957776" "6021949" "6075217 " "6186895" "6260757" "6264109" "6 283856" "6296190" "6313871" "63812 94" "6464584" "6506115" "6532297" "6567159" "6572474" "6581747" "662 9591" "6733388" "6753830").PN."). PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/02 12:45 |
| S30 | 65 | ("3766452" "4157139" "5042810" "51 66502" "5406264" "5531331" "565154 8" "5735742" "5755618" "5770533" " 5781647" "5836583" "5895321" "5933 244" "5957776" "6021949" "6075217" "6186895" "6260757" "6264109" "62 83856" "6296190" "6313871" "638129 4" "6464584" "6506115" "6532297" " 6567159" "6572474" "6581747" "6629 591" "6733388" "6753830").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/02 12:52 |
| S31 | 17540 | DC same (bias and voltage and source) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/02 12:52 |
| S33 | 5 | "666116".ap. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:34 |
| S34 | 40170 | (conduct\$3 near3 detect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:34 |

| | | | <u> </u> | | | |
|-----|-------|---|---|----|-----|------------------|
| S35 | 1341 | (204/450,456,600).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/05 18:34 |
| S36 | 34 | S34 and S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:35 |
| S37 | 40170 | (conduct\$3 near3 detect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:37 |
| S38 | 34 | S37 and S35 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:35 |
| S39 | 14434 | (conduct\$3 adj2 detect\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:39 |
| S40 | 14 | S35 and S39 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:37 |
| S41 | 2907 | (conductivity adj2 (sens\$3 determin\$3 detect\$3)).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:39 |
| S42 | 2960 | (conductivity adj2 (sens\$3 determin\$3 detect\$3)).bsum. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:39 |
| S43 | 13 | S35 and S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:39 |
| S44 | 12 | S43 not S40 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:40 |

| | | | _ | | | |
|-----|------|---|---|----|-----|------------------|
| S45 | 117 | (electrophoresis (electric near2 (gradient focus\$3))) same ((channel passage path groove duct tube) and (sieve screen filter photoresist (sinter\$2 near2 tantalum)(block near2 polymer)(por\$3 near2 silicon))).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/12/05 18:44 |
| S46 | 20 | ("20010027919" "20020015667" "20020025582" "20020081741" "3915652" "5059398" "5858195" "5863801" "5872010" "5968331" "6033544" "6048498" "6086740" "6140045" "6149787" "6235175" "6251343" "6274089" "6331439" "6413782").PN. OR ("6919045"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/10 12:17 |
| S47 | 33 | ("4077845" "4908112" "4963498" "5015350" "5126022" "5140161" "5144139" "5164598" "5264101" "5500071" "5560811" "5571410" "5585069" "5593838" "5603351" "5609828" "5716825" "5750015" "5779868" "5800690" "5916812"). PN. OR ("6235175").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/10 12:19 |
| S48 | 5484 | ((separat\$3 sort\$3 classify\$3 grad\$3) near2 (protein peptide particle cell molecule dna)) same ((electrophor\$4 (electric near2 (gradient focus\$3))) and (channel passage path groove duct tube column)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/10 12:22 |
| S49 | 78 | ((separat\$3 sort\$3 classify\$3 grad\$3) near2 (protein peptide particle cell molecule dna)) same ((electrophor\$4 and (electric near2 (gradient focus\$3))) and (channel passage path groove duct tube column)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/10 12:22 |
| S50 | 2583 | ((209/12.2,17,127.1,128-130) or (204/450,456,600)).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/09/23 10:45 |
| S51 | 14 | S49 and S50 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/06/10 12:23 |
| S52 | 155 | ("3712859" "4908112" "5126022" "5194133" "5286356" "5585069" "5593838" "5599432" "5605662"). PN. OR ("5800690").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/10 12:36 |

| | | | · · · · · · · · · · · · · · · · · · · | | | |
|-----|-----|---|---------------------------------------|----|----|------------------|
| S53 | 162 | ("4908112" "4963498" "5126022" "5140161" "5144139" "5164598" "5188963" "5192405" "5302264" "5304487" "5486335" "5498392" "5560811" "5571410" "5593838" "5605662" "5630925").PN. OR ("5779868").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/10 12:37 |
| S54 | 42 | ("4077845" "4390403" "4908112" "4963498" "5015350" "5126022" "5140161" "5144139" "5164598" "5264101" "5498392" "5500071" "5560811" "5571410" "5585069" "5593838" "5603351" "5609828" "5635358" "5637469" "5699157" "5716825" "5750015" "5779868" "5800690" "5842787" "5852495" "5882465" "5876675" "5880071" "5882465" "5885470" "5916812" "5942443" "5948227" "5955028" "5957579" "5958203" "5958694" "5959291" "6001229" "6124138"). PN. OR ("7033474").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/10 12:38 |
| S55 | 163 | ("4390403" "4471647" "4474889" "4680201" "4740283" "4834862" "4891120" "4908112" "4911817" "4935040").PN. OR ("5750015"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/06/10 12:40 |